

With respect to the Restriction Requirement, Applicants affirm the election of claims 1-11 for purposes of initial examination in the subject application. Applicants, of course, reserve the right to file a divisional application(s) covering the subject matter of the non-elected claim.

IN THE SPECIFICATION

Please amend the specification as follows:

At page 1, line 5, please replace "fluorophore" with --fluorophore--.

At page 1, line 32, after "nucleic acid", please insert --target--.

At page 2, line 2, please delete the second occurrence of "by". *can't find*

At page 3, line 9, please replace "use" with --used--.

At page 6, at line 21, please replace "Runer" with --Runner--.

At page 6, lines 23 and 25, please replace "gene" with --probe--. *too many "genes"*

At page 7, lines 16-17, please replace "ration" with --ratio-- and before "probe" insert --quencher, and please delete "with the quencher". *can't find*

At page 7, line 18, please replace "ration" with --ratio-- *can't find*

At page 8, at line 14, please replace "Runer" with --Runner--. *can't find*

Please amend Table V, column 3 by replacing "300 mM" with --300 μ M--, and replace both occurrences of "100 μ M" with --100nM--.

Please amend Table VI by replacing each occurrence of ".00" in the Temperature column with --degrees C--.